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American Petroleum Institute
1220 L Street, NW
Washington, DC 20005

Weekly Statistical Bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
Vol: 74 No: 51 For Week Ending: December 17, 1993

SUMMARY

(In Thousands of 42-gallon barrels per day, except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data received from reporting companies)

	Current Week Ending: 12/17/93	Last Week Ending: 12/10/93	Last Year Week Ending: 12/18/92	Change from Last Week	Change from Last Year
REFINERY OPERATIONS					
Input to Crude Distillation	13,891	13,987	13,513	-96	378
Operable Capacity	15,145	15,145	15,459	0	-314
Percent Operated	91.7	92.4	87.4		
MOTOR GASOLINE					
Total Motor Gasoline Production	7,617	7,623	7,233	-6	384
Total Motor Gasoline Stocks	225,047	223,354	214,825	1,693	10,222
Total Finished Gasoline Stocks	183,902	182,133	175,771	1,769	8,131
Blending Components Stocks	41,145	41,221	39,054	-76	2,091
JET KEROSINE					
Total Jet Kerosine Production	1,361	1,377	1,459	-16	-98
Total Jet Kerosine Stocks	37,996	38,532	41,708	-536	-3,712
DISTILLATE FUEL OIL					
Total Distillate Production	3,357	3,488	3,119	-131	238
Total Distillate Stocks	141,936	144,808	137,308	-2,872	4,628
RESIDUAL FUEL OIL					
Total Residual Fuel Production	835	924	835	-89	0
Total Residual Fuel Stocks	45,143	46,139	45,874	-996	-731
IMPORTS					
Crude Oil Imports	6,814	7,111	6,207	-297	607
Product Imports	1,728	1,937	1,784	-209	-56
CRUDE OIL STOCKS	340,599	345,395	330,219	-4,796	10,380
CRUDE SUPPLY BALANCE	-738				

See Definitional Notes on Page 6.

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U.S. REFINERY OPERATIONS

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	Percent Operated
East Coast	1,409	1,261	1,275	1,442	88.4
Appal. No. 1	88	87	88	109	80.7
PADD 1 TOTAL	1,497	1,348	1,363	1,551	87.9
Week Ago	1,567	1,403	1,417	1,551	91.4
Year Ago	1,654	1,247	1,251	1,544	81.0
IN, IL, KY	2,281	2,144	2,230	2,327	95.8
MN, WI, ND, SD	367	357	359	368	97.6
OK, KS, MO	715	650	663	726	91.3
PADD 2 TOTAL	3,363	3,151	3,252	3,421	95.1
Week Ago	3,357	3,145	3,241	3,421	94.7
Year Ago	3,306	3,088	3,153	3,356	94.0
Inland TX	581	530	530	530	100.0
TX Gulf Coast	3,164	2,823	2,890	3,231	89.4
LA Gulf Coast	2,716	2,535	2,575	2,646	97.3
N. LA and AR	200	187	187	256	73.0
NM	97	88	88	95	92.6
PADD 3 TOTAL	6,758	6,163	6,270	6,758	92.8
Week Ago	6,791	6,118	6,246	6,758	92.4
Year Ago	6,691	6,048	6,099	7,138	85.4
PADD 4 TOTAL	481	461	461	519	88.8
Week Ago	477	446	450	519	86.7
Year Ago	440	420	427	514	83.1
PADD 5 TOTAL	2,770	2,501	2,545	2,896	87.9
Week Ago	2,752	2,581	2,633	2,896	90.9
Year Ago	2,749	2,473	2,583	2,907	88.9
U.S. TOTAL	14,869	13,624	13,891	15,145	91.7
Week Ago	14,944	13,693	13,987	15,145	92.4
Year Ago	14,840	13,276	13,513	15,459	87.4

See Definitional Notes on Page 6.

U.S. REFINERY OUTPUT

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Finished Motor Gasoline				Naphtha Jet Fuel	Kerosine Jet Fuel			Distillate Fuel			Residual Fuel
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Total	Commerc'l Spec	Military Spec	Total	<=.05% sulfur	>.05% sulfur	
East Coast	846	299	—	547	-1	101	101	—	427	169	258	117
Appal. No. 1	40	—	—	40	—	—	—	—	24	13	11	2
PADD 1 TOTAL	886	299	—	587	-1	101	101	—	451	182	269	119
Week Ago	894	331	—	563	11	85	78	7	485	136	349	121
Year Ago	845	*na*	*na*	*na*	11	69	*na*	*na*	411	*na*	*na*	105
IN, IL, KY	1,281	545	—	736	9	145	145	—	561	338	223	71
MN, WI, ND, SD	182	31	—	151	1	20	20	—	108	14	94	7
OK, KS, MO	387	170	—	217	10	43	43	—	197	94	103	7
PADD 2 TOTAL	1,850	746	—	1,104	20	208	208	—	866	446	420	85
Week Ago	1,863	672	—	1,191	15	198	196	2	851	426	425	96
Year Ago	1,766	*na*	*na*	*na*	15	188	*na*	*na*	752	*na*	*na*	74
Inland TX	303	11	—	292	9	42	31	11	139	127	12	10
TX Gulf Coast	1,474	295	—	1,179	17	274	265	9	624	358	266	202
LA Gulf Coast	1,365	75	—	1,290	12	286	272	14	587	214	373	112
N. LA and AR	63	—	—	63	12	3	3	—	60	17	43	10
NM	64	7	—	57	1	9	—	9	38	37	1	1
PADD 3 TOTAL	3,269	388	—	2,881	51	614	571	43	1,448	753	695	335
Week Ago	3,328	433	—	2,895	37	681	613	68	1,585	870	715	407
Year Ago	3,179	*na*	*na*	*na*	67	788	*na*	*na*	1,400	*na*	*na*	318
PADD 4 TOTAL	214	11	—	203	3	22	22	—	134	77	57	10
Week Ago	221	12	—	209	9	24	24	—	119	72	47	11
Year Ago	289	*na*	*na*	*na*	12	36	*na*	*na*	120	*na*	*na*	23
PADD 5 TOTAL	1,398	653	—	745	1	416	371	45	458	256	202	286
Week Ago	1,317	558	—	759	1	389	334	55	448	245	203	289
Year Ago	1,154	*na*	*na*	*na*	26	378	*na*	*na*	436	*na*	*na*	315
U.S. TOTAL	7,617	2,097	—	5,520	74	1,361	1,273	88	3,357	1,714	1,643	835
Week Ago	7,623	2,006	—	5,617	73	1,377	1,245	132	3,488	1,749	1,739	924
Year Ago	7,233	*na*	*na*	*na*	131	1,459	*na*	*na*	3,119	*na*	*na*	835

See Definitional Notes on Page 6.

STOCKS OF SELECTED PRODUCTS
(in thousands of 42-gallon barrels)

DISTRICT	Motor Gasoline						Jet Fuel		Distillate Fuel			Residual Fuel	Unfinished Oils
		Finished Motor Gasoline				Blending Components	Naphtha Type	Kerosine Type					
	Total	Total Finished	Finished Oxygen'd	Finished Reform'd	Other Finished				Total	Sulfur <= .05%	Sulfur > .05%		
New England	5,818	5,800	738	——	5,062	18	82	501	12,928	2,977	9,951	1,153	——
Central Atlantic	35,245	29,978	9,354	——	20,624	5,267	74	4,348	37,187	8,603	28,584	13,829	10,249
Lower Atlantic	24,715	24,510	4,477	——	20,033	205	149	4,636	14,480	7,805	6,675	2,821	527
PADD 1 TOTAL	65,778	60,288	14,569	——	45,719	5,490	305	9,485	64,595	19,385	45,210	17,803	10,776
Week Ago	63,742	58,225	13,868	——	44,357	5,517	422	9,820	66,381	18,746	47,635	18,550	10,691
Year Ago	61,267	55,154	*na*	*na*	*na*	6,113	362	11,280	64,046	*na*	*na*	19,174	11,142
PADD 2 TOTAL	57,238	49,296	819	——	48,477	7,942	783	6,877	34,137	21,172	12,965	3,289	15,242
Week Ago	57,164	49,274	744	——	48,530	7,890	823	6,984	34,324	21,248	13,076	3,281	15,308
Year Ago	58,118	49,735	*na*	*na*	*na*	8,383	1,072	8,780	30,009	*na*	*na*	2,170	14,844
PADD 3 TOTAL	63,436	46,594	5,236	——	41,358	16,842	1,022	13,593	27,881	13,512	14,369	15,983	46,166
Week Ago	64,925	47,719	4,925	——	42,794	17,206	1,169	13,203	29,216	14,644	14,572	16,108	45,486
Year Ago	58,508	43,256	*na*	*na*	*na*	15,252	1,524	14,870	30,715	*na*	*na*	15,782	50,432
PADD 4 TOTAL	6,684	4,416	436	——	3,980	2,268	213	434	3,222	2,130	1,092	437	2,746
Week Ago	6,201	4,271	449	——	3,822	1,930	222	465	3,152	2,026	1,126	431	2,624
Year Ago	5,957	4,576	*na*	*na*	*na*	1,381	315	571	2,489	*na*	*na*	380	2,252
PADD 5 TOTAL	31,911	23,308	8,523	——	14,785	8,603	280	7,607	12,101	7,875	4,226	7,631	20,433
Week Ago	31,322	22,644	8,062	——	14,582	8,678	337	8,060	11,735	6,980	4,755	7,769	20,667
Year Ago	30,975	23,050	*na*	*na*	*na*	7,925	1,218	6,207	10,049	*na*	*na*	8,368	21,178
U.S. TOTAL	225,047	183,902	29,583	——	154,319	41,145	2,603	37,996	141,936	64,074	77,862	45,143	95,363
Week Ago	223,354	182,133	28,048	——	154,085	41,221	2,973	38,532	144,808	63,644	81,164	46,139	94,776
Year Ago	214,825	175,771	*na*	*na*	*na*	39,054	4,491	41,708	137,308	*na*	*na*	45,874	99,848

See Definitional Notes on Page 6.

PRODUCTION AND IMPORTS OF CRUDE OIL (INCLUDING LEASE CONDENSATE)

(daily averages in thousands of 42-gallon barrels)

DISTRICT	Estimated Crude Oil Production	Crude Oil Imports	
		Total	Canadian
PADDs 1-4			
Week Ended: December 17, 1993	4,312.0	6,482	766
Week Ended: December 10, 1993	4,312.0	6,938	633
Week Ended: December 3, 1993	4,300.0	7,923	940
Week Ended: December 18, 1992	4,352.0	6,050	742
DOE latest (07/93):	4,288.0		
PADD 5			
Week Ended: December 17, 1993	2,639.0	332	83
Week Ended: December 10, 1993	2,639.0	173	96
Week Ended: December 3, 1993	2,616.0	69	10
Week Ended: December 18, 1992	2,668.0	157	38
DOE latest (07/93):	2,391.0		
TOTAL U.S.			
Week Ended: December 17, 1993	6,951.0	6,814	849
Week Ended: December 10, 1993	6,951.0	7,111	729
Week Ended: December 3, 1993	6,916.0	7,992	950
Week Ended: December 18, 1992	7,020.0	6,207	780
DOE monthly - year ago	7,103.0		
DOE latest (07/93):	6,679.0		

CRUDE OIL STOCKS BY LOCATION

(in thousands of 42-gallon barrels)

	PADD 1	PADD 2	PADD 3	PADD 4	PADD 5		TOTAL
					TOTAL	ALASKAN IN TRANSIT BY WATER	
Current Week	15,602	76,387	167,013	10,883	70,714	15,383	340,599
Week Ago	14,980	76,097	171,967	10,825	71,526	16,920	345,395
Year Ago	14,498	71,532	162,328	10,909	70,952	16,345	330,219

Daily Average Crude Oil Supply Balance (in Thousands of 42-gallon barrels)	
Current Week:	-738
1992 Average:	282
1992 Positive Average:	511
1992 Negative Average:	-479

See Definitional Notes on Page 6.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

For Week Ending: December 17, 1993

DISTRICT	Motor Gasoline				Blending Components	Jet Fuel		Distillate Fuel			Residual Fuel	LPGs	Unfinished Oils	Other	Total
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%					
New England	98	—	—	98	—	—	19	97	17	80	157	2	—	—	373
Central Atlantic	174	—	—	174	53	26	37	4	1	3	164	2	233	—	693
Lower Atlantic	53	—	—	53	—	—	8	5	5	—	50	2	—	61	179
PADD 1 TOTAL	325	—	—	325	53	26	64	106	23	83	371	6	233	61	1,245
week ago	225	—	—	225	—	—	67	160	13	147	438	54	132	38	1,114
4 Week averages															
avg - current 4 weeks	208	—	—	208	21	13	77	158	51	107	316	20	164	43	1,020
avg - year ago 4 weeks	225	*na*	*na*	*na*	58	5	93	209	*na*	*na*	376	29	105	61	1,161
PADDs 2-4 TOTAL	7	—	—	7	15	—	2	11	11	—	28	63	210	82	418
week ago	5	—	—	5	—	—	2	14	14	—	58	122	391	185	777
4 Week averages															
avg - current 4 weeks	4	—	—	4	4	—	2	12	11	1	24	108	353	151	658
avg - year ago 4 weeks	3	*na*	*na*	*na*	2	4	8	9	*na*	*na*	38	134	234	126	558
PADD 5 TOTAL	7	—	—	7	—	—	5	3	—	3	17	5	6	22	65
week ago	5	—	—	5	—	—	5	4	—	4	10	6	5	11	46
4 Week averages															
avg - current 4 weeks	7	—	—	7	—	—	4	4	—	4	10	6	13	22	66
avg - year ago 4 weeks	4	*na*	*na*	*na*	2	—	4	3	*na*	*na*	20	7	37	7	84
U.S. TOTAL	339	—	—	339	68	26	71	120	34	86	416	74	449	165	1,728
week ago	235	—	—	235	—	—	74	178	27	151	506	182	528	234	1,937
4 Week averages															
avg - current 4 weeks	218	—	—	218	25	13	83	174	62	112	350	134	530	216	1,743
avg - year ago 4 weeks	231	*na*	*na*	*na*	61	9	106	222	*na*	*na*	434	170	375	194	1,802

See Definitional Notes on Page 6.

DEFINITIONAL NOTES FOR API'S *WEEKLY STATISTICAL BULLETIN*

GENERAL NOTES

Data published in the *Weekly Statistical Bulletin* are estimates made by API's Finance, Accounting and Statistics Department, based on data collected from reporting companies.

Data are for the week ended 7 a.m. Friday. For purposes of monthly aggregation of imports and refinery activities, and for monthly interpolation of inventories, the API treats 7 a.m. Friday as midnight Thursday.

The *Bulletin* classifies U.S. territories (i.e. Puerto Rico, Virgin Islands, Guam etc.) as foreign entities.

Definitions used by the API throughout the *Weekly Statistical Bulletin* are the same as those used by the Energy Information Administration of the Department of Energy in their *Petroleum Supply Monthly* and *Petroleum Supply Annual* publications.

Data for the corresponding week of the last year are from the published *Bulletin* for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE/EIA's *Petroleum Supply Annual*.

NOTES ON INVENTORIES

Inventory figures published in this report are those held in primary storage (i.e., at refineries, bulk terminals and in pipelines). They represent API estimates of inventories available for current shipment as well as those not available, such as stocks held in tank bottoms, pipeline fill, and in other equipment to assure continuous operations.

Stocks of oxygenated, reformulated, and other gasoline represent *finished* motor gasoline located at refineries, bulk terminals and pipelines. Motor gasoline blending components (i.e. straight run gasolines, alkylate, and reformate) are categorized separately, but are included in the total motor gasoline stock figure. Stocks of unblended oxygenates (such as MTBE and ethanol) are not included in this report. Oxygenates are reflected in the API numbers only to the extent they have been blended into finished product. The API publishes a separate weekly report on production and inventories of oxygenates on Thursdays.

NOTE ON CRUDE OIL PRODUCTION

Estimates of monthly crude oil production (including lease condensate production) are made by API the first week of the month. These estimates are generally held constant throughout the month, but may be revised at a subsequent date as more current information is received.

NOTE ON IMPORTS

Imports of crude oil and refined products include crude produced and product refined outside the 50 states and the District of Columbia. Shipments from U.S. territories such as the Virgin Islands and Puerto Rico are considered imports. Also, API classifies all withdrawals from bonded storage as imports. Geographical detail is based on port of entry basis, and timing is considered to be the time a shipment clears customs.

NOTE ON CRUDE STOCKS

Crude oil stocks include stocks on leases, but do not include stocks held in the Strategic Petroleum Reserve.

NOTE ON CRUDE SUPPLY BALANCE

The Crude Supply Balance is the arithmetic difference (in MB/D) between those factors that make up crude supply (i.e. domestic production plus imports plus stock draws) and those that make up crude demand (i.e. crude runs plus exports plus crude used directly plus crude losses). A negative volume, for example, indicates a supply greater than disposition, while a positive volume indicates the opposite.

NOTES ON GEOGRAPHICAL DETAIL

Petroleum Administration for Defense (PAD) districts provide the most oft-cited basis for regional supply and disposition statistics. Generally speaking, District 1 includes the East Coast states, District 2 the Midwest, District 3 the Gulf Coast (including Texas and New Mexico), District 4 the Rocky Mountain states, and District 5 the West Coast (including Alaska and Hawaii). More specific information on which states are included in which PAD districts is available from DOE or API.

API publishes refinery inputs and production data at a sub-PAD level for Districts 1, 2, and 3. The composition of these sub-Districts are easily determined by their titles. For product inventories and imports, API publishes data at a sub-PAD level for District 1 (which is different from the District 1 breakdown provided for refinery activities). For the purposes of inventories and imports, District 1 is dissected into the following three areas:

1)	New England	ME, NH, VT, MA, RI, and CT
2)	Central Atlantic	NY, NJ, PA, DE, MD, and DC
3)	Lower Atlantic	VA, WV, NC, SC, GA, and FL